

Title (en)
ANTIDIABETIC BICYCLIC COMPOUNDS

Title (de)
ANTIDIABETISCHE BICYCLISCHE VERBINDUNGEN

Title (fr)
COMPOSÉS BICYCLIQUES ANTIDIABÉTIQUES

Publication
EP 3436003 A1 20190206 (EN)

Application
EP 17776342 A 20170324

Priority
• US 201662314445 P 20160329
• US 2017023939 W 20170324

Abstract (en)
[origin: WO2017172505A1] Novel compounds of the structural formula (I), and the pharmaceutically acceptable salts thereof, are agonists of G-protein coupled receptor 40 (GPR40) and may be useful in the treatment, prevention and suppression of diseases mediated by the G-protein-coupled receptor 40. The compounds of the present invention may be useful in the treatment of Type 2 diabetes mellitus, and of conditions that are often associated with this disease, including obesity and lipid disorders, such as mixed or diabetic dyslipidemia, hyperlipidemia, hypercholesterolemia, and hypertriglyceridemia.

IPC 8 full level
A61K 31/357 (2006.01)

CPC (source: EP US)
A61K 31/47 (2013.01 - EP US); **A61K 31/4709** (2013.01 - EP US); **A61K 31/4725** (2013.01 - EP US); **A61K 31/538** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61P 3/10** (2017.12 - EP); **C07D 201/00** (2013.01 - EP US); **C07D 215/14** (2013.01 - EP US); **C07D 265/36** (2013.01 - EP US); **C07D 401/04** (2013.01 - EP US); **C07D 413/04** (2013.01 - EP US)

C-Set (source: EP US)
1. **A61K 31/366 + A61K 2300/00**
2. **A61K 31/397 + A61K 2300/00**
3. **A61K 31/4985 + A61K 2300/00**
4. **A61K 31/4709 + A61K 2300/00**
5. **A61K 31/47 + A61K 2300/00**
6. **A61K 31/538 + A61K 2300/00**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017172505 A1 20171005; EP 3436003 A1 20190206; EP 3436003 A4 20191211; EP 3436003 B1 20230823; US 10676458 B2 20200609; US 2019071412 A1 20190307

DOCDB simple family (application)
US 2017023939 W 20170324; EP 17776342 A 20170324; US 201716083677 A 20170324